

CLAIMS

What is claimed is:

1. A method of representing a relationship between a binary output variable and a set of binary input variables, the method comprising the steps of:
 - separating said input variables into successive fields;
 - providing a combination map of the first field having cells each representative of a different binary combination of the first field variables;
 - providing, for each cell of a preceding field beginning with said first field and ending with the next to last field, a combination map of the succeeding field, wherein said succeeding field combination map has cells each representative of a different binary combination of the variables of that succeeding field, to thereby link each last field cell with one cell of each of the other fields in a field cell chain associated with that last field cell; and,
 - assigning, in accordance with said relationship, a binary value to each field cell chain.